

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application for Docket Number

09/684-599

CLAIMS AS FILED - PART I

| (Column 1) | | (Column 2) |
|----------------------------------|---------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 11 minus 20 = | 1 |
| INDEPENDENT CLAIMS | 1 minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

| SMALL ENTITY TYPE | OTHER THAN OR SMALL ENTITY |
|----------------------|-------------------------------|
| RATE | Fee |
| BASIC FEE | 355.00 |
| OR | BASIC FEE |
| X\$ 9= | 710.00 |
| OR | X\$18= |
| X40= | |
| OR | X80= |
| +135= | |
| OR | +270= |
| TOTAL | 710 |
| OR | TOTAL |

16/05/00 CLAIMS AS AMENDED - PART II

| (Column 1) | | (Column 2) | (Column 3) |
|------------------------------------------------|-------------------------------------------|---------------------------------------------|------------------|
| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 1 | Minus | .. 20 = 0 |
| Independent | * 1 | Minus | *** 3 = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| SMALL ENTITY OR | OTHER THAN OR SMALL ENTITY |
|--------------------|-------------------------------|
| RATE | ADDI- TIONAL FEE |
| X\$ 9= | |
| OR | X\$18= |
| X40= | |
| OR | X80= |
| +135= | |
| OR | +270= |
| TOTAL | ADDITIONAL FEE |
| OR | TOTAL ADDITION FEE |

10/05/01

| (Column 1) | | (Column 2) | (Column 3) |
|------------------------------------------------|-------------------------------------------|---------------------------------------------|------------------|
| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 1 | Minus | .. 20 = 0 |
| Independent | * 1 | Minus | *** 3 = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|--------|------------------------|--------|------------------------|
| X\$ 9= | | X\$18= | |
| OR | | X80= | |
| X40= | | | |
| OR | | +270= | |
| +135= | | | |
| OR | | TOTAL | ADDITIONAL FEE |
| TOTAL | ADDITIONAL FEE | OR | TOTAL ADDITION FEE |

6/21/02

| (Column 1) | | (Column 2) | (Column 3) |
|------------------------------------------------|-------------------------------------------|---------------------------------------------|------------------|
| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
| Total | * 1 | Minus | .. 20 = 0 |
| Independent | * 1 | Minus | *** 3 = 3 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|--------|------------------------|--------|------------------------|
| X\$ 9= | | X\$18= | |
| OR | | X80= | |
| X40= | | | |
| OR | | +270= | |
| +135= | | | |
| OR | | TOTAL | ADDITIONAL FEE |
| TOTAL | ADDITIONAL FEE | OR | TOTAL ADDITION FEE |

- If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

09/684-599

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| TOTAL CLAIMS | | | |
|----------------------------------|----|--------------|--------------------------|
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 11 | minus 20 = | |
| INDEPENDENT CLAIMS | 1 | minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY
TYPE OR OTHER THAN
SMALL ENTITY

| RATE | FEES | RATE | FEES |
|-----------|--------|-----------|--------|
| BASIC FEE | 355.00 | BASIC FEE | 710.00 |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL | | OR TOTAL | 710 |

10/15/09 CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|--------------------------|
| | Total | Minus | ** 20 | = 0 |
| Independent | 6 | Minus | *** 6 | = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

OTHER THAN
SMALL ENTITY OR SMALL ENTITY

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|------------------|------------------------|---------------------|------------------------|
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|--------------------------|
| | Total | Minus | ** | = |
| Independent | 7 | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|------------------|------------------------|---------------------|------------------------|
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|------------------------------------------------|-------------------------------------------|-------|---------------------------------------------|--------------------------|
| | Total | Minus | ** | = |
| Independent | 8 | Minus | *** | = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

| RATE | ADDI- TIONAL FEE | RATE | ADDI- TIONAL FEE |
|------------------|------------------------|---------------------|------------------------|
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | OR TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.